



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/065 (08-03)

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Complete if Known

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	ASAIN0127
-------	---	----	---	------------------------	-----------

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
PP	A	J. Bloomenthal, Polygonization of Implicit Surfaces, Computer Aided Geometric Design, 5:341-355, 1987	—
	B	J. Bloomenthal, Introduction to Implicit Surface, Morgan Kaufmann Publishers, Inc., 1997	—
PP	C	J. Bloomenthal and K. Ferguson, Polygonization of Non-Manifold Implicit Surfaces, SIGGRAPH '95, Pages 309-316, 1995	—
PP	D	M. Brady et al., Two-Phase Perspective Ray Casting for Interactive Volume Navigation, Visualization 97, Pages 183-189, 1997	—
PP	E	Klaus ENGEL et al., High Quality Pre-Integrated Volume Rendering Using Hardware-Accelerated Pixel Shading, In Eurographics/SIGGRAPH Workshop on Graphics Hardware '01, pages 9-16, 2001	—
PP	F	H.C. Hege et al., A Generalized Marching Cubes Algorithm Based on Non-Binary Classifications, Technical Report, Konrad-Zuse-Zentrum für Informationstechnik Berlin, 1997	—
PP	G	Philippe Lacroute et al., Fast Volume Rendering Using a Shear-Warp Factorization of the Viewing Transformation, SIGGRAPH '94, Pages 451-458, 1994	—
PP	H	W.E. Lorenson et al., Marching Cubes: A High Resolution 3D Surface Construction Algorithm, SIGGRAPH '87, pages 163-169, 1987	—
PP	I	J. Rossignac et al., SGC: A Dimension-Independent Model for Pointsets with Internal Structures and Incomplete Boundaries, Geometric Modeling for Product Engineering, 1989	—
PP	J	H. Tuy et al., Direct 2-D Display of 3-D Objects, IEEE Mag. Computer Graphics and Applications, 4 (10) : 29-33, 1984	—

Examiner Signature	/Peter-Anthony Pappas/	Date Considered	06/14/2006
--------------------	------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.88. The information is required to obtain or retain a benefit by the public which is to be (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.



PTO/SB/08B (08-05)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Complete if Known

Substitute for form 1449/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

2

Attorney Docket Number

ASAIN0127

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
PP	K	A.P. Witkin et al., Using Particles to Sample and Control Implicit Surfaces, SIGGRAPH '94, 1994	/	
PP	L	Shuntaro Yamazaki et al., Nonmanifold Implicit Surfaces Based on Discontinuous Implicitization and Polygonization, Geometric Modeling and Processing, pages 138-146, 2002	/	
			/	
			/	
			/	
			/	
			/	
			/	
			/	

Examiner Signature	/Peter-Anthony Pappas/	Date Considered	06/14/2006
--------------------	------------------------	-----------------	------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-767-9199) and select option 2.